

# UTILITY PATENT APPLICATION

## TRANSMITTAL

(Only for original applications)

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Attorney Docket No. 1448.1041

First Named Inventor or Application Identifier:  
Yoshio HIROSE, et al.

Express Mail Label No.

ADDRESS TO:

**Commissioner for Patents**  
**Box Patent Application**  
**PO Box 1450**  
**Alexandria, VA 22313-1450**

1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract .....[Total Pages: 36]
3. ☒ Drawing(s) (35 USC 113) .....[ Total Sheets: 20 ] [FIGS. 1-16, 17A-17B and 18-24 ]
4. ☒ Oath or Declaration .....[ Total Pages: 4 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Verified Statement Claiming Small Entity Status
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76
7. ☒ Applicant claims foreign priority benefit to: Japanese Application 2002-224074 filed July 31, 2002
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies
10. ☐ For publication of assignee information under 37 CFR 1.215(b), list the assignee as Fujitsu Limited of Kawasaki, Japan. The Assignment papers will be filed later.

17354 U.S. PTO  
10/627709

07/26/03

### ACCOMPANYING APPLICATION PARTS

11. ☒ Assignment (cover sheet & document(s)) to Fujitsu Limited of Kawasaki, Japan  
☒ for publication of assignee information under 37 CFR 1.215(b)
12. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
15. ☐ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
17. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
19. ☐ Other:

### 20. CORRESPONDENCE ADDRESS



21171

PATENT TRADEMARK OFFICE

07/28/03



S&amp;H Form (2/02)

<b>NEW APPLICATION FEE TRANSMITTAL</b>		Attorney Docket No.		1448.1041			
		Application Number					
		Filing Date		July 25, 2003			
AMOUNT ENCLOSED		\$ 880.00		First Named Inventor		Yoshio HIROSE, et al.	
<b>FEE CALCULATION</b> (fees effective 10/01/01)							
CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS		
	TOTAL CLAIMS	25 - 20 =	5	X \$ 18.00 =	\$ 90.00		
	INDEPENDENT CLAIMS	2 - 3 =	0	X \$ 84.00 =	0.00		
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ \$280.00 =			
				BASIC FILING FEE		750.00	
				Total of above Calculations =		\$ 840.00	
	Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00)						
	Reduction by 50% for filing by small entity (37 CFR 1.27).						
				TOTAL FILING FEE =		\$ 840.00	
	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))						
	Recordation of Assignment (\$40.00; 37 CFR 1.21(h))					40.00	
				TOTAL FEES DUE =		\$ 880.00	
<b>METHOD OF PAYMENT</b>							
<input checked="" type="checkbox"/> Check enclosed as payment. <input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below. <input type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).							
<b>GENERAL AUTHORIZATION</b>							
<input checked="" type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: <div style="margin-left: 100px;"> Deposit Account No. <span style="border: 1px solid black; padding: 2px;">19-3935</span>  Deposit Account Name <span style="border: 1px solid black; padding: 2px;">STAAS &amp; HALSEY LLP</span> </div>							
<input checked="" type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.							
<b>SUBMITTED BY: STAAS &amp; HALSEY LLP</b>							
Typed Name		H. J. Staas		Reg. No.		22,010	
Signature				Date		July 25, 2003	